



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/660,241	09/11/2003	Oliver Lerch	P-US-PR 1082	5331

7590 08/31/2005  
Michael P. Leary  
Black & Decker Corporation  
Mail Stop TW199  
701 E. Joppa Rd  
Towson, MD 21286

EXAMINER
----------

TSUKERMAN, LARISA Z

ART UNIT	PAPER NUMBER
----------	--------------

2833

DATE MAILED: 08/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/660,241	LERCH, OLIVER	
	Examiner	Art Unit	
	Larisa Z. Tsukerman	2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on amendment A/F dt. 07/25/05.  
2a) ☒ This action is **FINAL**.                      2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.  
4a) Of the above claim(s) 18-20 is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-3, 5, 12, 13 and 15-17 is/are rejected.  
7) ☐ Claim(s) 6-11 and 14 is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☒ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 11 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All    b) ☐ Some \*    c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>09/2003/04/2004</u> . | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

The finality of the last Office action is withdrawn.

The indicated allowability of claim 4 is withdrawn in view of the reference(s) to Liao (6589069). Rejections based on the cited reference(s) follow.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 – 3, 5 and 17 are rejected under 35 U.S.C. 102(b) as being anticipated by Liao (6589069).

**In regard to claim 1**, Liao discloses an electrical extension lead, comprising a storage structure 24 (wire slot) and an electrical cable 14 having a first end (not marked, the end near number 23) and a second end (not marked, the end near number 24), having the first end connected to a plug socket arrangement 23 for supplying electricity to electrical devices 60/80, and with the second end connected to an electrical plug 13/ or 70 for connection to electrical supply sources (see Col.3, lines 10-13), characterized in that a battery pack charging assembly 10 (also see a title) is also connected (electrically and mechanically) to the first end of the cable, which charging assembly 10 is suitable for charging battery packs (not shown, located inside the phone body) for powering electrical

Art Unit: 2833

devices 60/ or 80, and the cable 14 is stored by wrapping it around the storage structure.

**In regard to claim 2**, Liao discloses that the plug socket arrangement 13 and the battery pack charging assembly 10 are co-located (see Fig. 5).

**In regard to claim 3**, Liao discloses the plug socket arrangement 13 and the battery pack charging assembly 10 are mounted within a common housing arrangement (not marked, see Fig.1).

**In regard to claim 5**, Liao discloses the storage structure 24 is a reel housing.

**In regard to claim 17**, Liao discloses the electrical supply source is a main supply source (see Col.2, lines 43-46).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1- 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hahn (5847541) in view of Liao (6589069).

**In regard to claim 1**, Hahn discloses an electrical extension lead, comprising an electrical cable 92 having a first end (not marked, area where the cable attach to wall 82) and a second end (not marked, see Col. 5, lines 44-47), having the first end connected to a plug socket arrangement 88 for supplying electricity to electrical devices 90, and with the second end connected to an electrical plug

Art Unit: 2833

(not shown) for connection to electrical supply sources (see Col. 5, lines 44-47), characterized in that a battery pack charging assembly 80 is also connected to the first end of the cable (see Fig. 6), which charging assembly 80 is suitable for charging battery packs for powering electrical devices. However, Hahn does not disclose a storage structure and a cable is stored by wrapping it around the storage structure. Liao discloses an electrical extension lead, comprising a storage structure 24 and a cable 14 is stored by wrapping it around the storage structure 24 in order to keep the cable in one place. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a storage structure, as taught by Liao, in structure of Hahn in order to keep the cable in place.

**In regard to claim 2**, Hahn discloses the plug socket arrangement 88 and the battery pack charging assembly 80 are co-located.

**In regard to claim 3**, Hahn discloses the plug socket arrangement and the battery pack charging assembly 80 are mounted within a common housing arrangement 82.

Claims 12, 13 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Liao (6589069) in view of Comini (6604957).

**In regard to claim 12**, Liao discloses battery pack charging assembly 10 comprises a receptacle assembly 15 for receiving a battery pack (not shown), which receptacle assembly 15 comprises a receptacle housing (not marked, see Fig.3-4). However, Liao does not disclose a flexible gasket disposed between the

Art Unit: 2833

receptacle housing and a portion of the extension lead housing. Comini teaches a flexible gasket 5 disposed between the housing and a portion of the solenoid in order to protect an inner circuit from environment conditions. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use a gasket 5, as taught by Comini, in structure of Liao in order to protect an inner circuit 12 from environment conditions.

**In regard to claim 16**, including a battery charger circuit 12 mounted on the receptacle housing (not numbered, see Fig.8).

**In regard to claim 13**, Liao when modified by Comini discloses at least one retainer 6 disposed on the extension lead housing to prevent disengagement of the gasket.

#### ***Allowable Subject Matter***

Claims 6, 7-10, 11 and 14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: The Prior Art does not teach or suggest:

**In regard to claim 6**, an electrical extension lead having the plug socket arrangement and the battery pack charging assembly, which are mounted on the storage structure.

**In regard to claim 7**, an electrical extension lead with an electrical cable is stored by wrapping it around the exterior surface of a hollow storage structure

Art Unit: 2833

and the battery pack charging assembly is located within the hollow storage.

Even though, the hollow storage structure to store a cable is well known in the Art, the examiner knows of no permissible motivation to combine the prior art such that the subject matter as a whole would have been obvious at the time the invention was made.

**In regard to claim 11**, an electrical extension lead with a storage structure is rotatably mounted within an outer housing which outer housing is formed with a hole through which the cable is extendable.

Even though, the rotatably mounted storage structure is well known in the Art, the examiner knows of no permissible motivation to combine the prior art such that the subject matter as a whole would have been obvious at the time the invention was made.

**In regard to claim 14**, lead further comprising a door in the extension lead housing located adjacent the receptacle assembly.

**In regard to claim 15**, the door includes a spring disposed thereon to bias a battery into connection with the receptacle assembly.

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Larisa Z. Tsukerman whose telephone number is (571)-272-2015. The examiner can normally be reached on Monday through Friday from 8:30 am to 5:00 pm.

Art Unit: 2833

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (571)-272-2800 ex. 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LT, 08/23/2005

  
P. AUSTIN BRADLEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800